Please type a plus sign (+) inside this box

PTO/SSUB1 (02-01)

Approved for use twough 10/31/2002, OM8 0851-0035

U.S. Palant and Tradamark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no paraens are required to respond to a patient on information unless it display a valid CMB control number.

## POWER OF ATTORNEY OR **AUTHORIZATION OF AGENT**

Application Number	09/701,420				
Filing Date	27 January 2000				
First Named Inventor	K. Kumasaka				
Title	Piezoelectric Transformer				
Group Art Unit	2834				
Examiner Name	M.O. Budd				
Attorney Docket Number	114GI-127 (0694-127)				

OR	ers at Customer Number	Place Customer Number Bar Code Lebel here
Practition	er(s) named below:	
	Name	Registration Number
	Brødlev N. Ruben	32,330
ļ		
L		
as my/our attorn	ey(s) or agent(s) to prosecute the applicate United States Patent and Trademark Office	tion identified above, and to transact all be connected therewith.
Please change !	he correspondence address for the above	i-Identified application to:
The above	mentioned Customer Number.	*
OR		Prece Customer Number Ber Code
Practitioner	s at Customer Number	Label hare
OR		
Firm or Individual Na	· 81	radley N. Ruben , pc
Address	46	3 First St., Suite 5A
Address		
City	Hoboken	State NJ zip 07030-1859
Country	USA	
Telephone	201-239-0707	Fax 201-239-0734
Assigna	Vinventor. e of record of the entire interest. See 37 C nt under 37 CFR 3.73(b) is enclosed. (For	m PTO/S8/90).
	SIGNATURE of Applicant or A	
Name	NEC TOKIN Corporation	Tadamichi Nakasato General Mana of Intellect
Signature	Tadamiehi Kakac	ala Property Div
Data	December 10, 2002	
NOTE: Signatures of 8	I the inventors or assignces of record of the entire is	interest or their representative(s) are required. Submit multiple
forms if more than one	signature is required, see below".	

20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO

undent mi de les de les

以**明春時以**四句、**853**: 11:71:77=71=73

**RECEIVED** 

JAN 2 2 2003

16 4-127

HOPGOOD, IMAFDE, KALIL & JUSTOWE

MAY 1 7 2000



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

TO: Ø

RECEIVED MAY 09, 2000

PTAS HOPGOOD, CALIMAFDE, KALIL & JUDLOWE

EUGENE J. KALIL 60 EAST 42ND STREET NEW YORK, NY 10165



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/27/2000

REEL/FRAME: 010603/0127

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR''S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KUMASAKA, KATSUNORI

DOC DATE: 01/21/2000

ASSIGNOR:

YAMAGUCHI, MASAO

DOC DATE: 01/21/2000

ASSIGNEE:

TOKIN CORPORATION 7-1, KURIYAMA 6-CHOME TAIHAKU-KU, SENDAI-SHI MIYAGI 982-8510, JAPAN

SERIAL NUMBER: 09463801

PATENT NUMBER:

FILING DATE: ISSUE DATE:

FAX RECEIVED

JAN 1 5 2003

**TECHNOLOGY CENTER 2800** 

RECEIVED

JAN 2 2 2003

010603/0127 PAGE 2

MAYA BENNETT, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

Please type a plus sign (\*) inside this box ->

PTO/SB/82 (11-85)
Approved for use through 6/10-89. OM8 0551-0035 =
Palant and Trademark Office; U.S. DEFARTMENT OF COMMERCE
Under the Peperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless a displays
a valid OMB optimal number.

TO:0

## **REVOCATION OF POWER OF** ATTORNEY OR **AUTHORIZATION OF AGENT**

Application Number 27 January 2000 Filing Date K. Kumasaka First Named Inventor Group Art Unit 2834 M.O. Budd Exeminer Name Attorney Docket Number 114GI-127 (0694-127)

I hereby reve application:	oke all p	revious powe	ers of atte	orney or auth	orizetions c	fagent (	given	In the a	bove-id	entified	
☑ A Po	wer of At	nomey or Au	thorizatio	on of Agent Is	submitted	herewith	la.				
OR											
Please	e change	the corresp	ondence	address for	the above-i	dentified	i appli	ication t	io:		
OR		er Number				-			Customer r Bar Coc are	**	
Firm or Individual	Name										]
Address											1
Address	****										4
City											4
Country					State			ZiP	<u> </u>		4
Telephone					Fex	<u> </u>					4
I am the:											
☐ App	licant.										
			<b></b> 7-								1
HASS	ignee of tificate u	record of the Inder 37 CFF	3.73(b)	is enclosed							
		SIGNAT	URE of A	pplicant or As	signee of R	brope					1
Name	NE Ta	C TOKIN damichi	Corpo	ration ato, Gen	eral Ma	nager	of	Inte	llec	tual	
Signature	Ta	dami	chi	Nakas	alo			Prop	erty	Divis	Len
Date	De	cember 1	0, 20	02					4 4 2 7 1	Zdunt and A	
Surden Hour Statem graments on the am Yeshington, DC 202 Vashington, DC 2023	ent This for sount of time 31. DO N	m is estimated in you are required to SEND FEES	o late 0.2 h d to comple OR COMP	to tris form should LETED FORMS	time will very be sent to the TO THES ADDR	colet Infon ESS, SEN	upon the mation C O TO: /	Micer, Pel Assistant (	ent and Tr Commissio	rademark Offici ner for Patent	17 4. 5.

FAX RECEIVED

JAN 1 5 2003

TECHNOLOGY CENTER 2800

RECEIVED

JAN 2 2 2003

PTO/SB/98 (2-98)
Approved for use through 69/30/2000, OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
to respond to a collection of information unless it displays a Valid OMB control number.

TO:Ø

		K. Kumasaka		
Applicant				
Application No.:	09/701,420	Filed:	27 Janu	uary 2000
Entitled:	P	iezoelectric Transfo	ormer	
NEC TOKI	N Corporation	. 8	corporation	
(Name of	Assignee)	(Type of Assignee, e.g	, corporation, partnerahi	o, university, government agency, etc.
states that it is:				
f. 🔀 the assignee o	of the entire right, title, and i	interest; or		
2. an assigned of	an undivided part interest			
n the patent application	Identified above by virtue	of either:		
A. [r] An assignment fro and Trademark C	om the inventor(s) of the patentifice at Real 10603, Frame	application identified 127, or for which	above. The assignm a copy thereof is at	nert was recorded in the Pater (tached.
OR				
B.[] A chain of title fro	m the inventor(s), of the pate	ent application identifie	d above, to the cum	'ent assignee as shown below
1. From:		To:		
The docume	ent was recorded in the Paten	it and Trademark Offici for which a copy there	e at of is attached.	
2. From:	1	To:		
The docume Reel	nt was recorded in the Pater Frame, or f	icand Trademark Onic or which a copy there	of is attached.	
3. From:		To:		
The docume	nt was recorded in the Pater , Frame, or f	it and Trademark Office or which a copy there	e at of is attached.	
	locuments in the chain of this			
,				
Cooles of assignmen	nts or other documents in the	chain of title are stta	ched.	•
		·	•	
The undersigned (whose	title is supplied below) is e	mpowered to sign thi	s statement on beh	alf of the assignee.
	10, 2002	Tadam	ichi Nak Signature	asato
Ь	ate	Tadamic	Signature ni Nakasato	
			d or printed name	
		General	Manager of	Intellectual

FAX RECEIVED

JAN 1 5 2003

TECHNOLOGY CENTER 2800

RECEIVED

JAN 2 2 2003